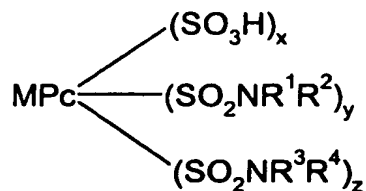


**ABSTRACT****Phthalocyanines And Their Use In Ink-Jet Printers**

5 A composition comprising:

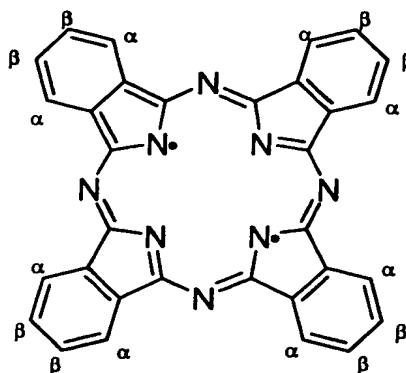
(a) a major dye component which is a mixture of phthalocyanine dyes of Formula (1) and salts thereof:



Formula (1)

wherein:

M is Cu or Ni;  
Pc represents a phthalocyanine nucleus of formula



$\text{R}^1$ ,  $\text{R}^2$  and  $\text{R}^3$  independently are H or optionally substituted  $\text{C}_{1-4}$ alkyl;

$\text{R}^4$  is optionally substituted  $\text{C}_{1-4}$ -hydroxyalkyl;

x is 0.1 to 3.8;

y is 0.1 to 3.8;

z is 0.1 to 3.8;

the sum of  $(x+y+z)$  is 4; and

the substituents, represented by x, y and z, are attached to a  $\beta$  position on the phthalocyanine ring; and

(b) a liquid medium which comprises water, water and an organic solvent or an organic solvent free from water.

Also novel dyes, ink-jet printing processes, printed images, printers and cartridges.